



## **AGREEMENTS 1495**

### **ENVIRONMENTAL WATER QUALITY MONITORING**

### **QUESTIONS AND ANSWERS**

April 27, 2009

**Question 3:**

Has the list of locations for wet weather sampling and monitoring been determined already? Or will that be done in consultation with the selected consultant?

**Response to Question 3:**

The specific locations have not been determined and yes, this will be decided in consultation with the selected consultant, New Castle County, and DNREC.

**Question 2:**

What type of geographic distribution of sites can the selected consultant expect? Is the entire state being looked at at one time, or is it on a region by region basis? Will the project be limited to municipal and industrial NPDES permitted areas?

**Response to Question 2:**

Most of our monitoring requirements are associated with DelDOT's and New Castle County's Phase I MS4 permit. Therefore, the consultant can expect the majority of sites to be within New Castle County.

The new permit may require us to focus on particular watersheds; but we do not know at this time which watersheds will be prioritized. Our Industrial permit currently requires semi-annual samples from five maintenance yard outfalls (Kiamensi yard, Cheswold yard, Harrington yard and Bear yard). In addition, illicit discharge tracking could potentially occur in any part of the state, though this is infrequent.

**Question 1:**

How many sites can the selected consultant be expected to monitor at one time? Is the list of designated stormwater outfalls available? Either in tabular or shapefile format?

**Response to Question 1:**

Based on our past experience with BMP performance and outfall monitoring, the consultant can reasonably expect to collect wet weather samples at up to five sites per storm event. For safety and logistical reasons, this generally requires at least two field staff members per site.

DelDOT is expecting to receive a new Phase I NPDES permit for New Castle County sometime later this year. The new permit will have monitoring requirements that differ from the current permit, therefore, it is likely that the locations of designated outfalls and monitoring protocols will change.

Currently we share monitoring of five designated outfalls with our co-permittee, New Castle County. The general locations are:

Albe Drive (industrial land use); Banning Park (residential); Christiana Mall (commercial); Dawes Drive (residential); and I-95 Expressway near Churchman's Rd. (highway). We are not making shapefiles available to the firms.